

EXHIBIT 1

FILED UNDER SEAL

**PURSUANT TO PROTECTIVE ORDER
DATED OCTOBER 31, 2016**

**REDACTED IN
ITS ENTIRETY**

EXHIBIT 2

FILED UNDER SEAL

**PURSUANT TO PROTECTIVE ORDER
DATED OCTOBER 31, 2016**

**REDACTED IN
ITS ENTIRETY**

EXHIBIT 3

FILED UNDER SEAL

**PURSUANT TO PROTECTIVE ORDER
DATED OCTOBER 31, 2016**

**REDACTED IN
ITS ENTIRETY**

EXHIBIT 4

Case IPR2016-00604
U.S. Patent No. 5,961,601

UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

KAYAK SOFTWARE CORP., OPENTABLE, INC., PRICELINE.COM LLC, and
THE PRICELINE GROUP INC.

Petitioner

v.

INTERNATIONAL BUSINESS MACHINES CORP.
Patent Owner

Case IPR2016-00604

U.S. Patent No. 5,961,601

TITLE: PRESERVING STATE INFORMATION IN A CONTINUING
CONVERSATION BETWEEN A CLIENT AND SERVER NETWORKED VIA
A STATELESS PROTOCOL

Issue Date: October 5, 1999

INTERNATIONAL BUSINESS MACHINES CORPORATION'S
PATENT OWNER PRELIMINARY RESPONSE

Mail Stop Patent Board
Patent Trial and Appeal Board
U.S. Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450

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continuations⁴ of a requested web page. (Petition at 25-26.) Even if Graber’s CMID were state information—which it is not, for the reasons discussed in Section IV.B.1.i.b, *infra*—Petitioner has not shown that code being recursively embedded into all of the hyperlinks that Petitioner maps as “all identified continuations” in Graber.

Petitioner argues that the “identified continuations” in Graber include every URL in a destination web page “because [Graber] must select and test each of the links.” (*Id.* at 24 (citing Ex. 1003 at 12:31-34).) Before appending the CMID code, Graber’s system tests each of those URLs to determine if the URL includes a “page_link.cgi” call. (Ex. 1003, Fig. 6 at 640; 12:30-34.) Then, as Graber explicitly discloses, the code is appended *only if the tested URL “includes a string for calling the page_link.cgi program.”* (*Id.* at 12:42-47.) For hyperlinks that do not contain such a call, the system follows the “No” arrow from box 640 in Fig. 6 and moves on to the next URL *without appending any data to the URL* or

⁴ IBM does not concede that Petitioner’s proposed construction of “continuation” is correct, either under a BRI standard or a *Phillips* standard. Because Petitioner’s arguments do not establish disclosure of “recursively embedding state information in all identified continuations” in Graber under even Petitioner’s own proposed construction, however, IBM does not believe the Board need construe this term in order to deny institution.

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otherwise modifying the URL. Thus, for URLs that do not already have a “page_link.cgi” call, Graber does not append the CMID to those URLs, and does not describe any way to pass the CMID code through such links. In other words, Graber does not append the CMID to every tested URL in a destination web page—the “all identified continuations” in Petitioner’s arguments—only those tested URLs that have a “page_link.cgi” call.

The testimony of Dr. Larson confirms the gap in Petitioner’s argument under its own construction of “continuation.” Dr. Larson states that the “identity of an original website from which the user navigated”—the alleged “state information”—is preserved only if “the user continues to select links that contain a call to the page_link.cgi function.” (Ex. 1002 at ¶ 92.) For any URLs that do not already contain that call, Graber provides no guidance as to how to append the alleged state information to those links in order to ensure that the information is appended to each URL included in Petitioner’s “all identified continuations.”

As the foregoing shows, Graber does not append the CMID—which Petitioner alleges is “state information”—onto all tested URLs on a destination web page—which Petitioner argues are needed to meet the claimed “all identified continuations.” Thus, Petitioner does not show that Graber discloses “recursively embedding the state information in all identified continuations,” as recited in Claim 1. Nor did Petitioner provide any fallback obviousness arguments with

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respect to that limitation. (*See, e.g.*, Petition at 25-26 (Claim 1).) Because Petitioner cannot show that Graber meets the limitation “recursively embedding the state information in all identified continuations,” Petitioner cannot prevail on Claim 1. *Verdegaal Bros.*, 814 F.2d at 631; *CFMT*, 349 F.3d at 1342.

b. “State Information.”

Claim 1 recites preserving “state information” in a conversation between a client and a server. Petitioner argues that Graber discloses this limitation by preserving “navigation history of a client.” (Petition at 18.) As purported support, Petitioner relies upon Graber’s “CMID” code that identifies a website visited before requesting a service from an OLS site. (*Id.*) That code, however, is not a user’s “navigation history” on the OLS site—it only identifies a site visited *before* visiting the OLS site—and does not constitute “state information” even under Petitioner’s construction. The previous website code on which Petitioner relies does not indicate any “information about the *ongoing* interaction” between the client site and the OLS server, as required by Petitioner’s proposed construction.⁵

⁵ IBM does not concede that Petitioner’s proposed construction is correct, either under a BRI standard or a *Phillips* standard. Because Petitioner’s arguments do not establish disclosure of “state information” in Graber under even Petitioner’s own proposed construction, however, IBM does not believe the Board need construe this term in order to deny institution.

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IBM has not presented all of its claim construction and validity arguments in this preliminary response. Accordingly, if the Board institutes trial, IBM reserves the right to raise additional claim construction and validity arguments in its Patent Owner's response.

Dated: May 12, 2016

Respectfully submitted,

/kkm/

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